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INFORMATION DISCLOSURE. STATEMENT BY APPLICANT

Sheet

10/522,029 Filing Date 01/21/2005 First Named Inventor **NOBUYOSHI HAYASHI** Art Unit 1754 Examiner, Name

(Use as many sheets as necessary) Attorney Docket Number 051003-0313724

Examiner	Cite	Document Number	U. S. PATENT Publication Date	Name of Patentee or	Pages Columns Lines Where
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TV	Α	CN	1354686	Α	06-19-2002			
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	FOREIGN PATENT DOCUMENTS						
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TV	Α	JP	63-57535	03-12-1988	HONDA		
TV	В	JP	. 3-68447	03-25-1991	HIRAYAMA et al.		
TV	С	JP	9-24275	01-28-1997	MIKI et al.		
TV	D	JP	3-186317	08-14-1991	SAKABE et al.		
TV	Е	JP	7-118019	05-09-1995	YAMAMOTO et al.		

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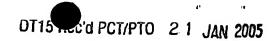
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STATEMENT BY APPLICANT				First Named Inventor	NOBUYOSHI HAYASHI	
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